

$$\dot{x}'\mathbf{i}' + \dot{y}'\mathbf{j}' + \dot{z}'\mathbf{k}'$$

$$\ddot{x}'\mathbf{i}' + \ddot{y}'\mathbf{j}' + \ddot{z}'\mathbf{k}'$$

$$\left(\frac{d}{dt}\right)_s = \left(\frac{d}{dt}\right)_r + \omega \times$$

